ABSTRACT

The present invention provides methods and compositions for screening, diagnosis and prognosis of Alzheimer's disease, for monitoring the effectiveness of Alzheimer's disease treatment, and for drug development. Alzheimer's Disease-Associated Features (AFs), detectable by two-dimensional electrophoresis of cerebrospinal fluid, serum or plasma are described. The invention further provides Alzheimer's Disease-Associated Protein Isoforms (APIs) detectable in cerebrospinal fluid, serum or plasma, preparations comprising isolated APIs, antibodies, pharmaceutical compositions, diagnostic and therapeutic methods, and kits comprising or based on the same.